

5 Figure 10 is a perspective view of a fiber optic plug according to an embodiment of this invention in which the cap has not yet been mounted to the remainder of the fiber optic plug;

 Figure 11 is a perspective view of a fiber optic plug of Figure 9 following the mounting of the cap to the remainder of the fiber optic plug; and

10 Figure 12 is a perspective view of a plurality of fiber optic receptacles mating or mated with a plurality of fiber optic plugs.

DETAILED DESCRIPTION OF THE INVENTION

15 This invention now will be described more fully hereinafter with reference to the accompanying drawings, in which preferred embodiments of the invention are shown. This invention may, however, be embodied in many different forms and should not be construed as limited to the embodiments set forth herein; rather, these embodiments are provided so that this disclosure will be thorough and complete, and will fully convey the scope of the invention to those skilled in the art. Like numbers refer to like elements

20 throughout.

 Referring to Figure 1, a fiber optic plug 10 according to one embodiment of this invention is depicted. The fiber optic plug is mounted upon the end portion of a fiber optic cable 12 and is adapted to mate with a corresponding fiber optic receptacle. Typically, the receptacle provides access to an enclosure or the like such that the optical

25 fibers (not shown) extending from the fiber optic cable may be aligned with and optically interconnected with optical fibers within the enclosure or the like. While the fiber optic plug may be designed to mate with a variety of fiber optic receptacles, the fiber optic plug is advantageously designed to mate with the fiber optic receptacle described by U.S.

30 Patent Application No. 65 79014 entitled *Fiber Optic Receptacle*, Attorney Docket No. HE0162, filed concurrently herewith and commonly assigned, the contents of which are incorporated herein by reference in their entirety.

 As shown in Figures 2-4, the fiber optic plug 10 includes a plug body 14 and a fiber optic connector 16 mounted upon an end portion of the fiber optic cable 12 and disposed within the plug body. The fiber optic connector includes a connector housing 18